

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 **Claim 1 (currently amended):** An image forming
2 apparatus comprising:
3 an image forming unit provided detachably and
4 including a photoconductor provided rotatably, ~~charging~~
5 ~~means~~a charger for charging the photoconductor to a uniform
6 potential, and a developing ~~means~~roller for supplying a
7 toner to an electrostatic latent image formed on the
8 charged photoconductor to form the electrostatic latent
9 image into a visible image;
10 an endless intermediate transfer member which is
11 provided in such a manner as to be capable of abutting
12 against the photoconductor and is adapted to rotate in loop
13 form by being supported in a tension-adjusted state by a
14 plurality of rollers, and onto which a toner image
15 developed on the photoconductor is transferred; and
16 an electric supply ~~means~~unit which is electrically and
17 mechanically connected to the image forming unit through
18 terminals to supply predetermined electric power to the
19 photoconductor, the ~~charging~~means~~charger~~, and the
20 developing ~~means~~roller of the image forming unit,
21 wherein the image forming unit is moved in a widthwise

22 direction of the intermediate transfer member so as to be
23 connected to the electric supply ~~means~~unit.

1 **Claim 2 (original):** An image forming apparatus
2 comprising:

3 an image forming unit installed in a main body of the
4 image forming apparatus and including a photoconductor
5 drum, a charging roller for charging the photoconductor
6 drum, and a developing roller for forming an electrostatic
7 latent image formed on the photoconductor drum into a
8 visible image by a toner;

9 a power supply unit provided in the main body of the
10 image forming apparatus to supply electric power to the
11 image forming unit; and

12 a transfer belt which is provided in the main body of
13 the image forming apparatus and onto which the toner image
14 developed on the photoconductor drum is transferred,

15 wherein a direction in which the image forming unit is
16 installed in the image forming apparatus is a direction
17 parallel to a portion of a surface of the transfer belt,
18 and electrical contact between the power supply unit and
19 the image forming unit is effected in the installing
20 direction at an end portion in the installing direction of
21 the image forming unit.

1 **Claim 3 (original):** The image forming apparatus

2 according to claim 2, wherein the photoconductor drum and
3 the main body of the image forming apparatus are
4 mechanically connected at the end portion in the installing
5 direction of the image forming unit, and a driving force of
6 the photoconductor drum is supplied from the main body of
7 the image forming apparatus through the mechanical
8 connection.

1 **Claim 4 (original):** The image forming apparatus
2 according to claim 3, wherein a direction of the electrical
3 connection is parallel to the installing direction and a
4 direction of the mechanical connection.

1 **Claim 5 (original):** The image forming apparatus
2 according to claim 2, wherein a plurality of image forming
3 units are provided as the image forming unit in parallel to
4 the portion of the surface of the transfer belt.

1 **Claim 6 (currently amended):** An image forming
2 apparatus comprising:

3 an image forming unit installed in a main body of the
4 image forming apparatus and including a photoconductor
5 drum, a charging roller for charging the photoconductor
6 drum, and a developing roller for forming an electrostatic
7 latent image formed on the photoconductor drum into a
8 visible image by a toner; and

9 a power supply unit provided in the main body of the
10 image forming apparatus to supply electric power to the
11 image forming unit,

12 wherein the photoconductor drum, the charging roller,
13 and the developing roller are provided in parallel to a
14 longitudinal direction of the image forming unit,

15 the image forming unit has a longitudinally connecting
16 ~~meansterminal~~ for mechanically connecting the power supply
17 unit and the image forming unit in the longitudinal
18 direction at an end portion in the longitudinal direction
19 of the image forming unit, and

20 the supply of the electric power from the power supply
21 unit to the image forming unit is effected through the
22 longitudinally connecting ~~meansterminal~~.

1 **Claim 7 (original):** The image forming apparatus
2 according to claim 6, wherein the photoconductor drum and
3 the main body of the image forming apparatus are
4 mechanically connected at the end portion of the image
5 forming unit, and a driving force of the photoconductor
6 drum is supplied from the main body of the image forming
7 apparatus through the mechanical connection.

1 **Claim 8 (currently amended):** The image forming
2 apparatus according to claim 7, wherein a direction of
3 connection between the power supply unit and the image

4 forming unit by the longitudinally connecting ~~means~~terminal
5 is parallel to the longitudinal direction and a direction
6 of the mechanical connection between the photoconductor
7 drum and the main body of the image forming apparatus.

1 **Claim 9 (original):** The image forming apparatus
2 according to claim 6, wherein a plurality of image forming
3 units are provided as the image forming unit in parallel to
4 the longitudinal direction.

1 **Claim 10 (currently amended):** The image forming
2 apparatus according to claim 6, wherein the main body of
3 the image forming apparatus has a transfer belt onto which
4 the toner image developed on the photoconductor drum is
5 transferred, and

6 ~~pressing-force adjusting means for pressing when the~~
7 ~~image forming unit is installed in the main body of the~~
8 ~~image forming apparatus, the photoconductor drum and is~~
9 ~~pressed to~~ the transfer belt at contact surfaces thereof
10 ~~with uniform pressure is provided at the end portion in the~~
11 ~~longitudinal direction of the image forming unit.~~

1 **Claim 11 (original):** An image forming apparatus
2 comprising:
3 a photoconductor which is provided rotatably and on
4 which an electrostatic latent image is formed into a

5 visible image to form a toner image;
6 charging means which is supported by an electrically
7 conductive bearing and rotates accompanying the
8 photoconductor, the charging means being adapted to charge
9 a surface of the photoconductor to a uniform potential by
10 receiving electric supply from electric supply means; and
11 a coil spring which is brought into pressure contact
12 with the bearing to press the charging means against the
13 photoconductor through the bearing, the coil spring having
14 a connecting end portion which is formed in such a manner
15 as to extend in a rod shape and is electrically connected
16 to a main body-side conductive member for carrying electric
17 power from the electric supply means.

1 **Claim 12 (original):** The image forming apparatus
2 according to claim 11, further comprising: a connecting
3 slot member which restricts the movement of the connecting
4 end portion, and into which the main body-side conductive
5 member is fitted with a distal end thereof abutting against
6 the connecting end portion.